International Journal of Cardiology, 24 (1989) 389–392
Elsevier

Contents Volume 24

Number 1

REVIEW

Unstable angina: pathophysiological concepts and therapeutic options, *P. Broadhurst and E.B. Raftery (U.K.)* 1

ORIGINAL STUDIES

CARDIAC CATHETERIZATION

Day case cardiac catheterisation using the Sones technique, *N.H. Murray and M.T. Rothman (U.K.)* 9

CARDIOLOGY IN THE YOUNG

Lung function in simple complete transposition after intracardiac repair, *M. Šamánek, J. Šulc and A. Zapletal (Czechoslovakia)* 13

Influence of echocardiography in pre-operative cardiac catheterization in congenital heart disease, *L. D'Orsogna, G.G.S. Sandor, M.W.H. Patterson, P.G. Ashmore, J. LeBlanc and J.A.G. Culham (Canada)* 19

Diverticulum of the right ventricle associated with ventricular septal defect, *M. Hofbeck, K.G. Schmidt, K.J. Hagel and H. Singer (F.R.G.)* 27

Unusual drainage of the inferior caval vein in left atrial isomerism, *N. Roguin, S. Milo and B. Vidne (Israel)* 35

The management of symptomatic neonates with suspected congenital heart disease using combined cross-sectional echocardiography and pulsed Doppler flow study as the definitive investigations, *M.P. Leung, D.L.C. Cheung, R.N.S. Lo, C.-K. Mok, J. Lee and C.-y. Yeung (Hong Kong)* 41

CLINICAL CARDIOLOGY

Prognostic index in prediction of mortality from infective endocarditis, *K.S. Woo, Y.M. Lam, H.T. Kwok, L.K.K. Tse and J. Vallance-Owen (Hong Kong)* 47

Clinical correlates of acute right ventricular infarction in acute inferior myocardial infarction, *N. Sinha, R.C. Ahuja, R.K. Saran and G.C. Jain (India)* 55

Quantitative analysis of the exercise tolerance test for determining the severity of coronary artery disease, *A. Hartz, C. Gammaitoni and M. Young (U.S.A.)* 63

The effect of flosequinan in patients with heart failure of acute onset complicating acute myocardial infarction, *A. Schneeweiss, R.D. Wynne and A. Marmor (Switzerland, Israel, U.K.)* 73

Unexpected sudden death during acute myocardial infarction: role of primary electromechanical dissociation, *F. Bellotto, S. Valente, G.F. Buja, B. Martini, G. Scattolin, M. Resta, F. Maddalena and S. Dalla Volta (Italy)* 77

EPIDEMIOLOGY AND BIOSTATISTICS

Epidemiology of coronary arterial disease in the Chinese, *K.-S. Woo and S.P.B. Donnan (Hong Kong)* 83

PHARMACOLOGY

Effect of arginine vasopressin on coronary and systemic hemodynamics in man, *J.J. Glazier, D.P. Faxon, R.M. Mills, M.R. Bresnahan, T.J. Ryan and H. Gavras (U.S.A.)* 95

BRIEF REPORTS

Balloon dilatation of a porcine bioprosthetic valve in aortic position, *A. Ramondo, M. Gemelli and R. Chioin (Italy)* 105

The combination of a left aortic arch, a right-sided descending thoracic aorta with a left-sided arterial duct, *B. Airan, A. Bhan and I.M. Rao (India)* 107

Congenital long QT syndrome inducing 2:1 atrioventricular block: early detection in fetal life, *P. Presbitero, L. Mangiardi and R. Antolini (Italy)* 109

Rheumatic tricuspid stenosis without involvement of the mitral valve, *S.R. Mittal, S. Upadhyay and R. Saxena (India)* 112

0167-5273/89/$03.50 © 1989 Elsevier Science Publishers B.V. (Biomedical Division)

Acute right ventricular infarction without infero-posterior left ventricular infarction, *R.K. Gokhroo and S.R. Mittal (India)* 115

Left pulmonary isomerism with normal arrangement of the heart and abdominal organs. Computed tomography of two adults, *A. Escarous (U.S.A.)* 118

Isolated episode of exercise-related ventricular fibrillation in a healthy athlete, *G. Buja, M.P. Meneghello and F. Bellotto (Italy)* 121

Surgical pathology of mitral valves – the Indian scene, *K.S. Ratnakar, P. Rajagopal and B. Somaraju (India)* 124

BOOK REVIEWS

Heart Valve Replacement and Future Trends in Cardiac Surgery, *edited by G. Rabago and D.A. Cooley, reviewed by G. Stellin* 127

Progress in Cardiology, *edited by D.P. Zipes and D.J. Rowlands, reviewed by M.O. Coupe* 127

Perspectives in Pediatric Cardiology, *edited by R.H. Anderson et al., reviewed by B. Clarke* 128

Cardiovascular Drug Therapy in the Elderly, *by A. Schneeweiss and G. Schettler, reviewed by J.F. Potter* 128

Meetings and Courses 129

Information for Authors 131

Number 2

EDITORIAL

Clinical lessons learned from experimental heart failure, *P.W. Armstrong, R.J. Howard and G.W. Moe (Canada)* 133

REVIEW

Atrial natriuretic peptide: its mechanism of release from the atrium, *R. Ferrari and G. Agnoletti (Italy)* 137

ORIGINAL ARTICLES

CARDIOLOGY IN THE YOUNG

Fixed subaortic stenosis: the value of cross-sectional echocardiography in evaluating different anatomical patterns, *A. Cabrera, J.-M. Galdeano, J. Zumalde, F. Mondragon, J. Cabrera, J. Pilar and E. Pastor (Spain)* 151

Analysis of survival in patients with pulmonary atresia and intact ventricular septum treated surgically, *N.E. Lightfoot, J.G. Coles, H.K. Dasmahapatra, W.G. Williams, K. Chin, G.A. Trusler and R.M. Freedom (Canada)* 159

CARDIOVASCULAR RESEARCH

Influence of propranolol on high energy phosphate and tissue acidosis in regional ischemic myocardium of pigs: assessment with arterial pressure and respiration gated in vivo 31-phosphorus magnetic resonance spectroscopy, *M. Tanaka, H. Fujiwara, M. Ishida, M. Kida, T. Onodera, D.-J. Wu, M. Matsuda, A. Kawamura, G. Takemura, C. Kawai, S. Yamashita, K. Koga, S. Nakayama, I. Miura and Y. Yabuuchi (Japan)* 165

Efficacy of aortic balloon valvoplasty: direct measurement of orificial area in a model with pulsatile flow, *D.C. Sprigings, J.B. Chambers, T. Cochrane, J. Allen, M.M. Black and G. Jackson (U.K.)* 173

CLINICAL CARDIOLOGY

Infective endocarditis caused by *Streptococcus agalactiae*, *S.D. Pringle, A.C. McCartney, D.A.S. Marshall and S.M. Cobbe (U.K.)* 179

The value of the left ventricular ejection fraction in the treatment of angina pectoris following acute myocardial infarction: a randomized double blind study, *T. Gjørup, H. Kelbæk, B. Vestergaard, O. Munck and J. Godtfredsen (Denmark)* 185

A randomised double-blind crossover study of isosorbide mononitrate and nifedipine retard in chronic stable angina, *F. Akhras, J. Chambers, S. Jefferies and G. Jackson (U.K.)* 191

Short-term and long-term prognosis after myocardial infarction: prognostic value of coronary anatomy and left ventriculography, *C.C. De Cock, F.C. Visser, M.J. Van Eenige and J.P. Roos (The Netherlands)* 197

Unstable angina, myocardial infarction and sudden death after an exercise stress test, *R. Ciampricotti and M.I.H. El Gamal (The Netherlands)* 211

IMAGING

Hemodynamic and prognostic value of thallium-201 myocardial imaging in patients with dilated cardiomyopathy, *J. Tamai, S. Nagata, T. Nishimura, C. Yutani, K. Miyatake, H. Sakakibara and Y. Nimura (Japan)* 219

BRIEF REPORTS

Aortic origin of right pulmonary artery: early detection by cross-sectional and color-Doppler-echocardiography in two infants submitted to successful surgical repair, *A.M.T. De Albuquerque, M. Ebaid and M. Barbero-Marcial (Brasil)* 225

Primary fibrosarcoma of the heart presenting as obstruction at the tricuspid valve: diagnosis by cross-sectional echocardiography, *K.K. Sethi, M. Nair and S.K. Khanna (India)* 228

Surgical relief of subpulmonary stenosis after previous Senning (or Mustard) operation for complete transposition, *S. Battistessa and P.B. Deverall (U.K.)* 230

Myocardial infarction with normal coronary arteries complicated by rupture of the left ventricular free wall, *N. Fourquet, J.-A. Barra and J.-J. Blanc (France)* 233

Left axis deviation in healthy infants and children, *G. Calcaterra and R. Puglisi (Italy)* 236

Echocardiographic diagnosis of interrupted aortic arch with an aortopulmonary communication, *A.J.J.T. Rein, M.S. Gotsman and A. Simcha (Israel)* 248

Tricuspid and pulmonary atresia with coarctation of the aorta: a rare combination possibly explained by persistence of the fifth aortic arch with a systemic-to-pulmonary arterial connection, *R.M. Freedom, M. Silver and H. Miyamura (Canada, Japan)* 241

Single balloon valvotomy for rheumatic mitral restenosis, *D. Natarajan (India)* 246

BOOK REVIEWS

Starling's Law of the Heart Revisited, *edited by H.E.D.J. ter Keurs and M.I.M. Noble, reviewed by S. Seely* 249

Modern Cardiovascular Physiology, *by C.R. Honig, reviewed by J. Dean* 249

Cardiac Valve Disease in Children, *edited by J.M. Dunn, reviewed by R.Anjos* 250

Books Received but not Reviewed 250

Meetings and Courses 251

Information for Authors 253

Number 3

REVIEWS

Editor's Note, *R.H. Anderson* 255

Cardiac muscle: a miracle of creation, *S. Seely (U.K.)* 257

An electrostatic mechanism of muscular contraction, *T. Iwazumi and M. Noble (U.K.)* 267

ORIGINAL STUDIES

CARDIOLOGY IN THE YOUNG

The vectorcardiogram in 4 children undergoing the arterial switch repair, *L.V. Fong, B.D. Edis and A.W. Venables (Australia)* 277

Electrocardiographic abnormalities in childhood spinal muscular atrophy, *C. Coletta, P. Carboni, A. Carunchio, G. Porro and V. Bacci (Italy)* 283

CLINICAL CARDIOLOGY

Spatial vectorcardiogram in acute inferior wall myocardial infarction: its utility in identification of patients prone to complete heart block, *K.K. Talwar, S. Radhakrishnan, V. Hariharan and M.L. Bhatia (India)* 289

Evaluation of spatial R maximum cardiac vector changes in exercise testing: pre-exercise versus post-exercise measurements, *K.K. Talwar, J. Narula, V. Dev and M.L. Bhatia (India)* 293

Assessment of left ventricular function from the electrocardiogram in left bundle branch block, *S.H. Recke, H.-D. Esperer, U. Eberlein, R. Gansser and J. Von der Emde (F.R.G.)* 297

Impaired parasympathetic control of heart rate after myocardial infarction, *M.J. Niemelä, K.E.J. Airaksinen, M.J. Ikäheimo, K. Groundstroem, M.K. Linnaluoto and J.T. Takkunen (Finland)* 305

Comparison of the effects of captopril and enoximone in patients with severe heart failure: a placebo controlled double-blind study, *A.J. Cowley, K. Stainer, R.D. Wynne, J.M. Rowley and J.R. Hampton (U.K.)* 311

Age variation in the association between angiographic coronary disease and angina from the Coronary Artery Surgery Study (CASS), *L.D. Fisher, C. Maynard, A.W. Rademaker, E.L. Alderman and M. Mock (U.S.A.)* 317

ELECTROPHYSIOLOGY

Electrophysiologic effects of intravenous dipyridamole, *R. Bubiński, K. Markiewicz, M. Cholewa, L. Górski, Z. Gawor and W. Kuś (Poland)* 327

EPIDEMIOLOGY

A study of lipid levels in Indian patients with coronary arterial disease, *S. Krishnaswami, N.K. Prasad and V.J. Jose (S. India)* 337

IMAGING

Phase differences between left ventricular wall motion and transmitral flow in man: evidence for involvement of ventricular restoring forces in normal rapid filling, *C.H. Park, W.H. Chow and D.G. Gibson (U.K.)* 347

Comparative Doppler evaluation of the monostrut and older convexo-concave Björk-Shiley mitral prosthetic valve, *S. Radhakrishnan, V. Dev, A. Saxena, V.K. Bahl, P. Venugopal and S. Shrivastava (India)* 355

PATHOLOGY

Abnormalities in position of left ventricular papillary muscles in congenital aortic stenosis, *D.M. Connuck, C.G. Alexson, L.A. Metlay and E.B. Clark (U.S.A.)* 359

BRIEF REPORTS

A rare case of tetralogy of Fallot with unusual blood supply to the left lung, *R.T. Anjos, A. Suzuki and S.Y. Ho (U.K.)* 363

Anomalous origin of the left coronary artery from the pulmonary trunk with multiple valvar incompetence, *R. Kryne, M.C.-H.K. Deng and K.-W. Heinrich (F.R.G.)* 367

Biventricular perforation by a temporary pacing electrode: recognition from the lateral chest radiograph, *C.-P. Lau, K.-L. Cheung and C.-K. Mok (Hong Kong)* 368

Chest pain – no difference in severity between those having a myocardial infarction and chest pain from other causes, *S.M. Horner (U.K.)* 371

Anomalous origins of left anterior descending and circumflex coronary arteries from separate orifices in the right coronary sinus, *G.A. Haywood and D.E. Ward (U.K.)* 373

Spontaneous resolution of pulmonary stenosis, *K.C. Chan, D. Clark and J.L. Gibbs (U.K.)* 375

Traumatic left ventricular aneurysm: report of a case with normal coronary arteries, *N.H. Murray and M.J. Goldberg (U.K.)* 377

A congenital aneurysm of the non-coronary sinus of Valsalva extending into the wall of the left ventricle, *J.A.C. Chalmers, T.R. Graham and P.G. Magee (U.K.)* 379

BOOK REVIEWS

Congenital Heart Disease – A Diagrammatic Atlas, *by C.E. Mullins and D.C. Mayer, reviewed by R.H. Anderson* 383

Essentials of Cardiology, *by A.D. Timmis, reviewed by J. Dean* 383

Pediatric Cardiology for Practitioners, *by M.K. Park, reviewed by N. Martin* 384

Meetings and Courses 385

Information for Authors 387

Contents Volume 24 389

Subject Index Volume 24 393

Author Index Volume 24 399